

Title (en)

METHOD OF INCREASING DRUG ORAL BIOAVAILABILITY AND COMPOSITIONS OF LESS TOXIC OROTATE SALTS

Title (de)

VERFAHREN ZUR ERHÖHUNG DER ORALEN BIOVERFÜGBARKEIT EINES ARZNEIMITTELS UND ZUSAMMENSETZUNGEN AUS WENIGER TOXISCHEN OROTATSALZEN

Title (fr)

PROCEDE D'AUGMENTATION DE BIODISPONIBILITE ORALE DE MEDICAMENT ET COMPOSITIONS DE SELS D'OROTATE MOINS TOXIQUES

Publication

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Application

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Abstract (en)

[origin: US2006189640A1] The present invention relates generally to the method of increasing the oral bioavailability, reducing chemotherapy induced toxicity and side effects, and improving the effectiveness of pharmaceutical agents that are poorly absorbed from the gastrointestinal tract. Specifically, the invention relates to poorly absorbed pharmaceutical drugs and converting them to orotate salts. The orotate salts of the drugs can be dosed at lower doses to provide the efficacy benefits of a higher dose, while reducing the drugs' toxic effects at lower doses. Additionally, the orotate salts of pharmaceutical agents have better clearance and reduce the potential for drug-induced hepatic toxicity. Therefore, an especially useful formulation of the orotate salt of the pharmaceutical agent can provide rapid and consistent action using a lower dose while reducing drug interactions and side-effects.

IPC 8 full level

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CPC (source: EP KR US)

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KR 20077020314 A 20070905; US 2006006060 W 20060221